Zuzanka Trojanova

List of Publications by Year in Descending Order

158 papers	1,696 citations	22 h-index	35 g-index
167 ext. papers	1,829 ext. citations	2.8 avg, IF	4.47 L-index

#	Paper	IF	Citations
158	Deformation behaviour of ultrafine-grained magnesium with 3 vol.% graphite. *International Journal of Materials Research*, **2022**, 97, 344-349	0.5	
157	Studying the Thermally Activated Processes Operating during Deformation of hcp and bcc Mgâ□i Metal-Matrix Composites. *Metals*, **2021**, 11, 473	2.3	1
156	Local Mechanical Properties and Microstructure of EN AW 6082 Aluminium Alloy Processed via ECAP-Conform Technique. *Materials*, **2020**, 13,	3.5	4
155	Optimization of the Mechanical Performance of Titanium for Biomedical Applications by Advanced, High-Gain SPD Technology. *Crystals*, **2020**, 10, 422	2.3	3
154	Strengthening and Thermally Activated Processes in an AX61/Saffil Metal Matrix Composite. *Crystals*, **2020**, 10, 466	2.3	2
153	Effect of Equal Channel Angular Extrusion on the Thermal Conductivity of an AX52 Magnesium Alloy. *Crystals*, **2020**, 10, 497	2.3	1
152	Magnesium Reinforced with Inconel 718 Particles Prepared Ex Situ-Microstructure and Properties. *Materials*, **2020**, 13,	3.5	2
151	Strain Hardening in an AZ31 Alloy Submitted to Rotary Swaging. *Materials*, **2020**, 14,	3.5	3
150	Amplitude Dependent Internal Friction in Strained Magnesium Alloys of AZ Series. *Crystals*, **2020**, 10, 608	2.3	0
149	Effect of Rotary Swaging on Microstructure and Mechanical Properties of an AZ31 Magnesium Alloy. *Advanced Engineering Materials*, **2020**, 22, 1900596	3.5	4
148	The in-situ mechanical spectroscopy and electric resistance study of WE43 magnesium alloy during aging. *Journal of Alloys and Compounds*, **2018**, 743, 646-653	5.7	5
147	Thermal Conductivity of an AZ31 Sheet after Accumulative Roll Bonding. *Crystals*, **2018**, 8, 278	2.3	8
146	Influence of Accumulative Roll Bonding on the Texture and Tensile Properties of an AZ31 Magnesium Alloy Sheets. *Materials*, **2018**, 11,	3.5	16
145	Elastic and Plastic Behavior of an Ultrafine-Grained Mg Reinforced with BN Nanoparticles. *Journal of Materials Engineering and Performance*, **2018**, 27, 3112-3121	1.6	4
144	Superplastic Behaviour of Selected Magnesium Alloys **2018**,		1
143	Micro-Tensile Behavior of Mg-Al-Zn Alloy Processed by Equal Channel Angular Pressing (ECAP). *Materials*, **2018**, 11,	3.5	10
142	Elastic and Plastic Behavior of the QE22 Magnesium Alloy Reinforced with Short Saffil Fibers and SiC Particles. *Metals*, **2018**, 8, 133	2.3	1

141	Amplitude Dependent Internal Friction in a Mg-Al-Zn Alloy Studied after Thermal and Mechanical Treatment. *Metals*, **2017**, 7, 433	2.3	4
140	Internal Friction in Magnesium Alloys and Magnesium Alloys- Based Composites **2017**,		5
139	SPD Processed Materials Mechanical Properties Determination with the Use of Miniature Specimens. *Materials Science Forum*, **2016**, 879, 471-476	0.4	5
138	High frequency cycling behaviour of three AZ magnesium alloys â microstructural characterisation. *International Journal of Materials Research*, **2016**, 107, 903-915	0.5	3
137	Influence of Processing Techniques on Microstructure and Mechanical Properties of a Biodegradable Mg-3Zn-2Ca Alloy. *Materials*, **2016**, 9,	3.5	16
136	Influence of Thermomechanical Treatment on the Damping Capacity of Selected Magnesium Alloys. *Materials Science Forum*, **2016**, 879, 1992-1997	0.4	
135	Influence of texture on the thermal expansion coefficient of Mg/BN nanocomposite. *Thermochimica Acta*, **2016**, 644, 69-75	2.9	12
134	Texture analysis of zirconium samples deformed by uniaxial tension using neutron and X-ray diffraction. *IOP Conference Series: Materials Science and Engineering*, **2015**, 82, 012022	0.4	1
133	In situ investigation of deformation mechanisms in magnesium-based metal matrix composites. *Metals and Materials International*, **2015**, 21, 652-658	2.4	6
132	Effect of the fiber orientation on the deformation mechanisms of magnesium-alloy based composite. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2015**, 643, 25-31	5.3	8
131	Analysis of preferential orientation in zirconium samples deformed by uniaxial tension using neutron and X-ray diffraction. *Powder Diffraction*, **2015**, 30, S52-S55	1.8	
130	Superplastic Behaviour of an Mg-Ag-RE Magnesium Alloy. *Acta Physica Polonica A*, **2015**, 128, 765-768	0.6	3
129	Tensile and fracture properties of an Mg-RE-Zn alloy at elevated temperatures. *Journal of Rare Earths*, **2014**, 32, 564-572	3.7	13
128	Neutron Diffraction and Acoustic Emission Study of Mg-Al-Sr Alloy Reinforced with Short Saffil Fibers Deformed in Compression. *Materials Science Forum*, **2014**, 777, 92-98	0.4	2
127	Plastic Properties of a Mg-Al-Ca Alloy Reinforced with Short Saffil Fibers. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2014**, 45, 29-35	2.3	7
126	Hardening and Softening Processes in an AJ51 Magnesium Alloy Reinforced with Short Saffil Fibres **2014**, 435-440		1
125	Deformation and Fracture of a Magnesium Alloy at Elevated Temperatures. *Key Engineering Materials*, **2013**, 592-593, 75-78	0.4	
124	Thermally Activated Dislocation Motion in an AS21 Alloy and Alloy Reinforced with Short Ceramic Fibres Studied at Elevated Temperatures. *Key Engineering Materials*, **2013**, 592-593, 71-74	0.4	

123	Influence of the strain rate on deformation mechanisms of an AZ31 magnesium alloy. *International Journal of Materials Research*, **2013**, 104, 762-768	0.5	7
122	Fatigue Behavior of Magnesium Alloy AJ91 Studied by Amplitude Dependent Damping Measurements. *Solid State Phenomena*, **2012**, 184, 185-190	0.4	1
121	Amplitude Dependent Internal Friction of Magnesium Alloy AZ31 at Room Temperature. *Solid State Phenomena*, **2012**, 184, 179-184	0.4	1
120	Internal Friction in Extruded Aluminium Alloy. *Solid State Phenomena*, **2012**, 184, 197-202	0.4	3
119	Hardening and Softening in Magnesium Alloys **2011**,		4
118	Elastic and plastic properties of ultrafine-grained magnesium. *International Journal of Materials and Product Technology*, **2011**, 40, 120	1	
117	Internal stress and thermally activated dislocation motion in an AZ63 magnesium alloy. *Materials Chemistry and Physics*, **2011**, 130, 1146-1150	4.4	27
116	Acoustic emission from deformed magnesium alloy based composites. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2011**, 528, 2479-2483	5.3	13
115	Investigation of tensionâcompression asymmetry of magnesium by use of the acoustic emission technique. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2011**, 528, 5904-5907	5.3	44
114	Internal Friction in Commercial Aluminium Alloy AW-2007. *Procedia Engineering*, **2011**, 10, 1226-1231		3
113	Deformation Behaviour of AX91 and AJ62 Mg Alloys. *Procedia Engineering*, **2011**, 10, 2318-2323		5
112	Experimental Study on the Relation between Elastic and Thermal Deformation of the AZ31 Magnesium Alloy and Composite. *Key Engineering Materials*, **2011**, 465, 423-426	0.4	1
111	Stress Relaxation in an AZ31 Magnesium Alloy. *Key Engineering Materials*, **2011**, 465, 101-104	0.4	4
110	Cracks Detection in Mg Alloy by Electro-Ultrasonic Spectroscopy. *Key Engineering Materials*, **2011**, 465, 294-297	0.4	1
109	Enhanced Plasticity of a Mg-8Li Alloy Reinforced with SiC Particles. *Key Engineering Materials*, **2011**, 465, 378-381	0.4	
108	Enhanced Plasticity of WE54/SiC Composite Prepared by Powder Metallurgy. *Key Engineering Materials*, **2011**, 465, 419-422	0.4	1
107	Acoustic emission from deformed MgâYâNd alloy and this alloy reinforced with SiC particles. *Journal of Alloys and Compounds*, **2010**, 504, L28-L30	5.7	8
106	Study of thermally activated dislocation motion in AJ51 and AE42 magnesium alloys. *Journal of Physics: Conference Series*, **2010**, 240, 012019	0.3	2

105	Fatigue in magnesium alloy AZ91-Âlumina fiber composite studied by internal friction measurements. *Procedia Engineering*, **2010**, 2, 2151-2160		13
104	Significance of twinning in the anisotropic behavior of a magnesium alloy processed by equal-channel angular pressing. *Scripta Materialia*, **2010**, 63, 504-507	5.6	50
103	Mechanical Properties and Strain Hardening Behaviour of Magnesium Alloys and Composites. *Communications - Scientific Letters of the University of Zilina*, **2010**, 12, 12-19	0.2	
102	Deformation Mechanisms Operating during Plastic Flow of An Az63 Magnesium Alloy Studied by the Stress Relaxation Technique. *Communications - Scientific Letters of the University of Zilina*, **2010**, 12, 5-11	0.2	
101	High-pressure torsion deformation of a magnesium-based nanocomposite. *International Journal of Materials Research*, **2009**, 100, 906-909	0.5	3
100	Physical aspects of plastic deformation in MgâÂl alloys with Sr and Ca. *International Journal of Materials Research*, **2009**, 100, 270-276	0.5	16
99	Damping behaviour of a MgâÂlâCa alloy reinforced by short Saffil fibres. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2009**, 521-522, 314-317	5.3	5
98	Mechanical and fracture properties of an AZ91 Magnesium alloy reinforced by Si and SiC particles. *Composites Science and Technology*, **2009**, 69, 2256-2264	8.6	62
97	Deformation behaviour of microcrystalline magnesium reinforced by alumina nano- and microparticles. *International Journal of Materials Research*, **2009**, 100, 403-406	0.5	1
96	Effect of Short Saffil Fibres and SIC Particles on Mechanical Properties of Magnesium Alloys **2009**, 11, 10-16		1
95	Hardening and softening in an MgâÂlâCa matrix alloy reinforced with short graphite fibres. *International Journal of Materials Research*, **2009**, 100, 399-402	0.5	5
94	Microstructure of superplastic QE22 and EZ33 magnesium alloys. *Materials Letters*, **2008**, 62, 4041-4043	3.3	19
93	Plastic and fatigue behaviour of ultrafine-grained magnesium. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2008**, 483-484, 477-480	5.3	4
92	Evaluating plastic anisotropy in two aluminum alloys processed by equal-channel angular pressing. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2008**, 497, 206-211	5.3	41
91	Stress Relaxation in AX41 Magnesium Alloy Studied at Elevated Temperatures. *Advanced Engineering Materials*, **2007**, 9, 370-374	3.5	40
90	Strengthening in MgâLi matrix composites. *Composites Science and Technology*, **2007**, 67, 1965-1973	8.6	65
89	Damage in fiber reinforced and unreinforced AZ91 studied by internal friction. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 462, 230-233	5.3	4
88	Deformation behaviour of an AJ50 magnesium alloy at elevated temperatures. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 462, 202-205	5.3	9

87	Hardening and softening in selected magnesium alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 462, 23-28	5.3	32
86	Strengthening in a WE54 magnesium alloy containing SiC particles. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 462, 225-229	5.3	94
85	Internal stresses during creep of magnesium alloys at 523K. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 462, 215-219	5.3	11
84	Degradation of the mechanical properties of a MgâliâAl composite at elevated temperatures studied by the stress relaxation technique. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2007**, 462, 234-238	5.3	10
83	On the strain to the onset of serrated flow in a magnesium alloy. *Scripta Materialia*, **2007**, 56, 793-796	5.6	16
82	Superplasticity of an AZ91 Magnesium Alloy. *Materials Science Forum*, **2007**, 567-568, 365-368	0.4	1
81	The Effect of Grain Size on the Deformation Behaviour of Selected Mg Alloys. *Materials Science Forum*, **2007**, 567-568, 85-88	0.4	18
80	Deformation Behaviour of an AX41 Magnesium Alloy at Elevated Temperatures. *Materials Science Forum*, **2007**, 567-568, 321-324	0.4	
79	Stress Relaxation in Selected Magnesium Alloys. *Key Engineering Materials*, **2007**, 345-346, 1613-1616	0.4	3
78	Plastic Properties of Microcrystalline Mg with Ceramic Nanoparticles. *Materials Science Forum*, **2007** , 567-568, 189-192	0.4	7
77	Anelastic Properties of Mg+3vol.%Gr Prepared by Ball Milling. *Key Engineering Materials*, **2006**, 319, 189-196	0.4	1
76	Changes in the Microstructure of Mg-Nd Based Composites Due to Thermal Loading Estimated by Internal Damping Measurements **2006**, 268-272		
75	Dislocation Generation in Mg Composites during Thermal Cycling **2006**, 184-189		
74	Investigating deformation processes in AM60 magnesium alloy using the acoustic emission technique. *Acta Materialia*, **2006**, 54, 5361-5366	8.4	57
73	Cyclic bending and the damping behaviour of short fibre-reinforced magnesium alloy AZ91. *Composites Science and Technology*, **2006**, 66, 585-590	8.6	11
72	Influence of mechanical cycling on damping behaviour of short fibre-reinforced magnesium alloy QE22. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2006**, 442, 484-487	5.3	10
71	Thermal stresses in MgâAgâNd alloy reinforced by short Saffil fibers studied by internal friction. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2006**, 442, 480-483	5.3	2
70	Deformation behaviour of ultrafine-grained magnesium with 3 vol.% graphite. *International Journal of Materials Research*, **2006**, 97, 344-349		1

69	Unstable Plastic Deformation in Mg Alloys-Post Relaxation Effect **2005**, 495-500		
68	Deformation Behaviour of Mg-Li-Al Alloys at Room and Elevated Temperatures **2005**, 122-127		
67	Mechanical Properties of AZ91 Alloy after Equal Channel Angular Pressing **2005**, 190-193		
66	Compressive deformation behaviour of magnesium alloys. *Journal of Materials Processing Technology*, **2005**, 162-163, 416-421	5.3	56
65	Deformation behaviour of an AS21 alloy reinforced by short Saffil fibres and SiC particles. *Journal of Materials Processing Technology*, **2005**, 162-163, 131-138	5.3	17
64	Deformation behaviour of Mgâli alloys at elevated temperatures. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2005**, 410-411, 148-151	5.3	62
63	Dynamic Strain Ageing During Stress Relaxation in Selected Magnesium Alloys Containing Rare earth Elements. *Advanced Engineering Materials*, **2005**, 7, 1027-1032	3.5	13
62	Mechanical Properties of AS21 Magnesium Alloy Based Composites. *Materials Science Forum*, **2005**, 482, 363-366	0.4	3
61	Microstructural Characterization by Nondestructive Methods. *Materials Science Forum*, **2005**, 482, 103-108	0.4	1
60	Characterisation of dynamic strain ageing in two magnesium alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 387-389, 80-83	5.3	12
59	Internal friction in microcrystalline and nanocrystalline Mg. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 370, 154-157	5.3	29
58	Internal friction in a QE22 hybrid composite. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 370, 542-545	5.3	5
57	Investigation of some magnesium alloys by use of the acoustic emission technique. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2004**, 387-389, 331-335	5.3	21
56	Modeling of hardening and softening processes in Mg alloys. *Journal of Alloys and Compounds*, **2004** , 378, 176-179	5.7	40
55	Deformation behaviour of Mgâ0.7 wt.% Nd alloy. *Journal of Alloys and Compounds*, **2004**, 378, 180-183	5.7	24
54	Mechanical properties of Mg alloys composites reinforced with short Saffil fibres. *Journal of Alloys and Compounds*, **2004**, 378, 19-26	5.7	24
53	Deformation behaviour of MgâliâAl alloys. *Journal of Alloys and Compounds*, **2004**, 378, 192-195	5.7	130
52	Microstructural changes in ZE41 composite estimated by acoustic measurements. *Journal of Alloys and Compounds*, **2003**, 355, 113-119	5.7	4

51	Deformation Processes in Mg-Li-Al Base Composites. *Materials Science Forum*, **2003**, 419-422, 817-822	0.4	4
50	Study of relaxation of residual internal stress in Mg composites by internal friction. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2002**, 324, 122-126	5.3	23
49	Hardening and softening in deformed magnesium alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2002**, 324, 141-144	5.3	43
48	Propagation of localized slip bands in low-temperature deformation of CuâBe. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2002**, 324, 208-213	5.3	5
47	Internal Friction in a ZC63 Matrix Composite. *Defect and Diffusion Forum*, **2002**, 203-205, 273-276	0.7	
46	Thermally Activated Dislocation Motion Studied by Internal Friction. *Defect and Diffusion Forum*, **2002**, 203-205, 249-252	0.7	2
45	Changes in the microstructure of QE22 composites estimated by non-destructive methods. *Journal of Alloys and Compounds*, **2002**, 339, 327-334	5.7	10
44	Mechanical spectroscopy of commercial AZ91 magnesium alloy. *Scripta Materialia*, **2001**, 45, 1365-1371	5.6	35
43	Thermally activated processes in microcrystalline Mg. *Scripta Materialia*, **2000**, 42, 1095-1100	5.6	23
42	Deformation Behaviour of an AZ91 Alloy and Composite. *Key Engineering Materials*, **2000**, 188, 121-128	0.4	2
41	Internal friction in microcrystalline magnesium reinforced by alumina particles. *Journal of Alloys and Compounds*, **2000**, 310, 396-399	5.7	22
40	Internal friction in magnesium reinforced by short Al2O3 fibres after thermal cycling. *European Physical Journal D*, **1999**, 49, 349-358		2
39	Thermal stability of copper reinforced by nanoscaled and microscaled alumina particles investigated by internal friction. *Scripta Materialia*, **1999**, 40, 1063-1069	5.6	11
38	Unstable low temperature deformation in a Cu-2 Be alloy. *European Physical Journal D*, **1996**, 46, 2729-2730		3
37	Characteristics of low temperature serrated flow in Cu?Be alloy. *Physica Status Solidi A*, **1996**, 157, 295-302		2
36	Elastic and Anelastic Behaviour of Zirconium Polycrystals. *Materials Science Forum*, **1996**, 210-213, 495-502	0.4	2
35	Internal Friction in Magnesium and Magnesium Calcium Alloys Prepared by Rapid Solidification. *Materials Science Forum*, **1996**, 210-213, 825-830	0.4	2
34	Effect of Thermal Cycling on the Damping Behaviour of Mg Matrix Composites. *Key Engineering Materials*, **1996**, 127-131, 993-1000	0.4	4

33	Dislocation Generation in Mg Matrix Composites due to Thermal Cycling. *Key Engineering Materials*, **1996**, 127-131, 1001-1008	0.4	6
32	Damping in Magnesium Matrix Composites. *Materials Science Forum*, **1996**, 210-213, 619-626	0.4	7
31	Plastic deformation of Zr-Sn polycrystals at intermediate temperatures. *Journal of Materials Science* , **1995**, 30, 2930-2935	4.3	8
30	Softening during Deformation of Zr Alloys. *Key Engineering Materials*, **1995**, 97-98, 359-364	0.4	3
29	Acoustic Emission from Deformed Zn Single Crystals. *Key Engineering Materials*, **1995**, 97-98, 401-406	0.4	
28	Plastic Deformation of Polycrystalline Zn-0.25%Cd Alloy and Linear Location of Acoustic Emission. *Key Engineering Materials*, **1995**, 97-98, 407-412	0.4	1
27	The Portevin-Le Chȇlier Effect in Cu-Al Single Crystals Investigated by Acoustic Emission and Slip Line Cinematography. *Key Engineering Materials*, **1995**, 97-98, 263-268	0.4	7
26	Hardening and softening in Zr?Sn polycrystals. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1993**, 164, 246-251	5.3	13
25	The Portevin-Le Chȇlier effect in Al-2.92%Mg-0.38%Mn alloy and linear location of acoustic emission. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1993**, 164, 260-265	5.3	20
24	Acoustic emission from zinc deformed at room temperature Part I The influence of strain rate on deformation behaviour and acoustic emission in pure zinc. *Journal of Materials Science Letters*, **1993** , 12, 1086-1087		14
23	Mechanical properties of Zr-3Sn-1Mo-1Nb alloy at various temperatures. *Journal of Materials Science*, **1993**, 28, 5759-5764	4.3	
22	Deformation twinning in Zinc-Aluminium single crystals after slip. *Physica Status Solidi A*, **1993**, 139, 101-107		
21	Acoustic emission from zinc deformed at room temperature Part II The influence of grain size on deformation behaviour and acoustic emission of pure zinc. *Journal of Materials Science Letters*, **1993**, 12, 1166-1168		6
20	The Portevin-Le Chatelier effect in Al-3% Mg and Al-2.92% Mg-0.38% Mn investigated by the acoustic emission technique. *Journal of Materials Science Letters*, **1992**, 11, 91-93		8
19	Discontinuouslow temperature deformation of Zr?Sn alloys. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1991**, 137, 151-155	5.3	11
18	Creep of Al-3wt.%Mg as measured with the incremental loading method. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **1991**, 148, 7-14	5.3	10
17	Internal Friction in Zirconium Polycrystals. *Physica Status Solidi A*, **1991**, 125, K13-K16		3
16	Young's Modulus of Zirconium Poiycrystals as a Function of Temperature between 6 and 320 K. *Physica Status Solidi A*, **1991**, 125, K17-K20		4

15	Stress relaxation in Cd?Zn polycrystals. *Physica Status Solidi A*, **1990**, 118, 455-460	
14	Temperature dependence of YoungR modulus of Zirconium polycrystals. *Physica Status Solidi A*, **1988**, 107, K11-K13	2
13	Thermally (non-)activated deformation of Zr-Sn polycrystals. *European Physical Journal D*, **1988**, 38, 482-484	4
12	Thermally activated process in deformed alpha titanium. *European Physical Journal D*, **1988**, 38, 491-493	1
11	An analysis of the stress relaxation curves. *European Physical Journal D*, **1985**, 35, 292-297	5
10	Plastic deformation of alpha-zirconium polycrystals. *European Physical Journal D*, **1985**, 35, 298-301	7
9	Thermally activated deformation of Alpha Zirconium. *Crystal Research and Technology*, **1984**, 19, 401-405	9
8	Elastic constants of the alloys Cd1â Zn x (x. *European Physical Journal D*, **1982**, 32, 899-906	3
7	Deformation of Cd and Zn single crystals. *European Physical Journal D*, **1981**, 31, 133-134	
6	Plastic deformation of alpha-Zr polycrystals. *European Physical Journal D*, **1981**, 31, 163-164	
5	Solid solution hardening of cadmium single crystals. *Physica Status Solidi A*, **1979**, 53, K143-K145	12
4	On precipitation hardening in Cd-Zn alloy. *European Physical Journal D*, **1978**, 28, 113-116	2
3	Stress Relaxations in a Magnesium Alloy and Composite678-683	
2	Anelastic Properties of Nanocrystalline Magnesium413-419	5
1	Hardening and Softening Processes in AJ51 Magnesium Alloy Reinforced with Short Saffil Fibres435-440	1